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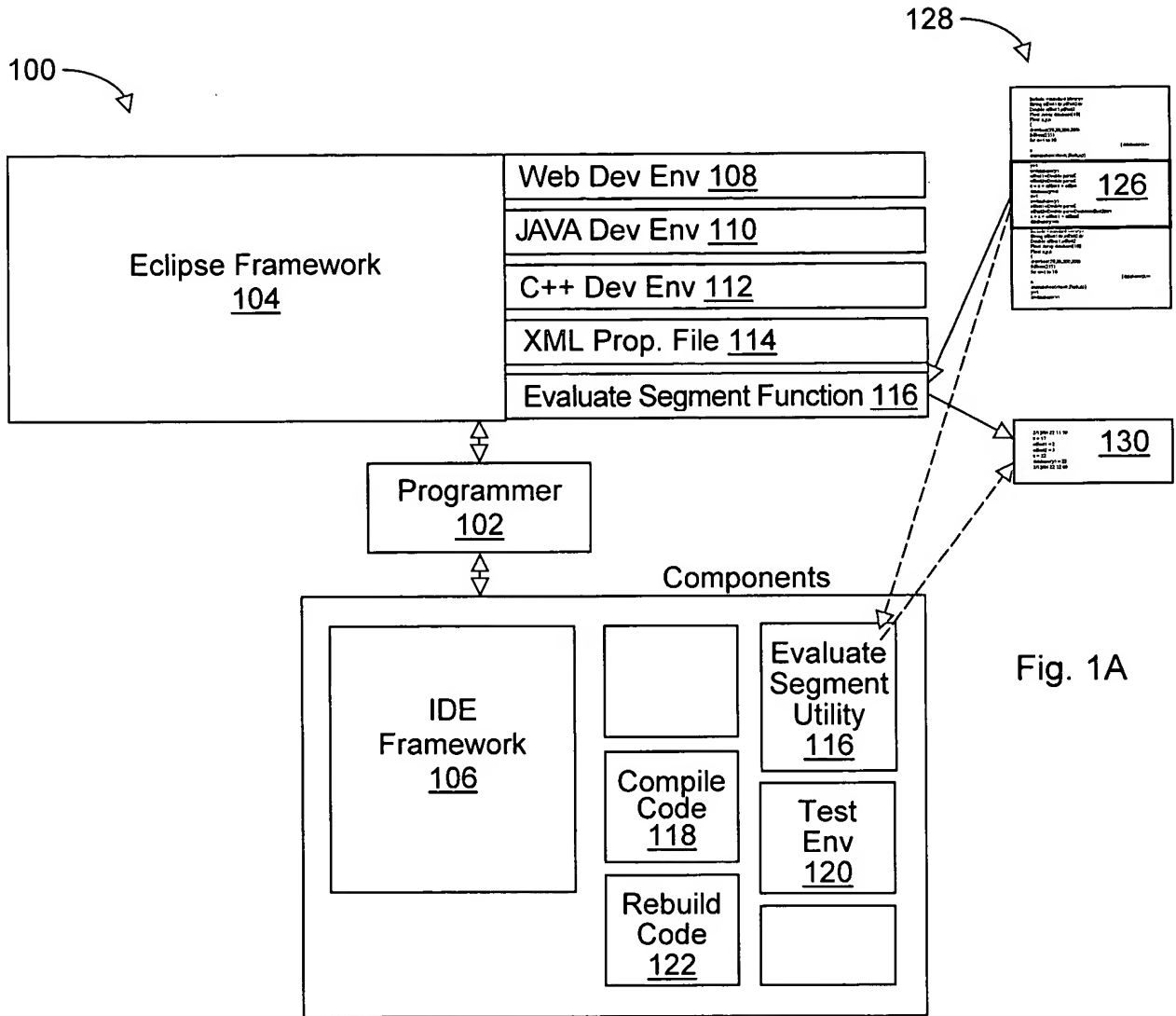


Fig. 1A

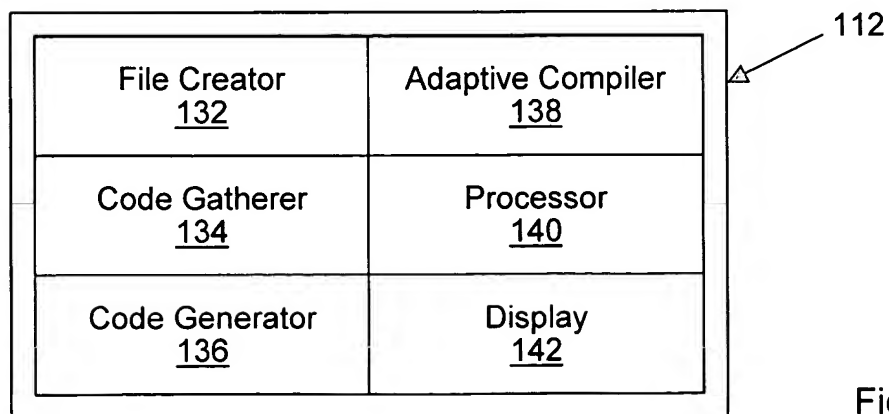


Fig. 1B

+

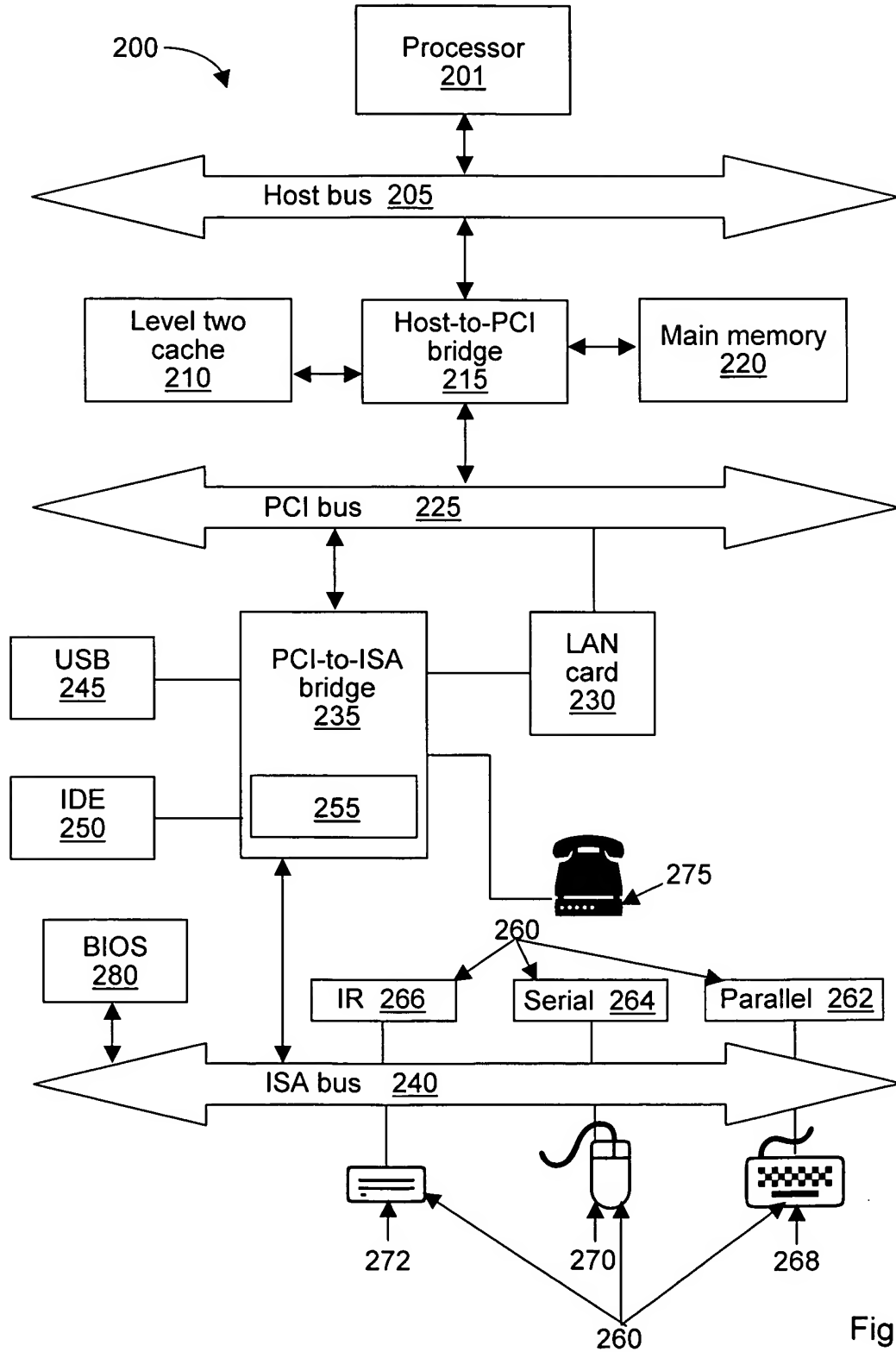


Fig. 2

306 → char ReversedStringAux[] = new char[inputString.length()];  
308 → for (int i=0; i<inputString.length(); i++)  
310 →     ReversedStringAux[i] = inputString.charAt(inputString.length()-i-1);  
312 → String reversedString = new String(ReversedStringAux);

Fig. 3A

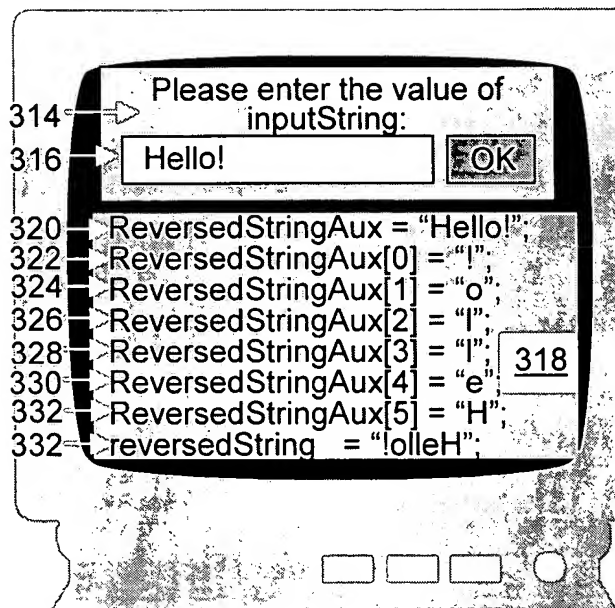


Fig. 3B

406 → if ( (\$line !~ /^\\W/) && (\$line =~  
/(match|netparm1)\\s\*=.\*:\\d\*\\.\\d\*/i) )  
408 → {  
410 →     \$label = \$1;  
412 →     @fields1 = split(/\$label\\s\*=\\s\*/i,\$line);  
414 →     @fields2 = split(/:/,\$fields1[1]);  
416 →     \$match\_label = \$fields2[0];  
418 →     @fields3 = split(/\\s+/, \$fields2[1]);  
420 →     \$new\_num = \$fields3[0] / 2;  
422 →     \$new\_line = \$line;  
424 →     \$new\_line =~ s/\$label\\s\*=.\*:\\d\*\\.\\d\*/\$label=  
\$match\_label:\$new\_num/i;  
426 → }

Fig. 4A

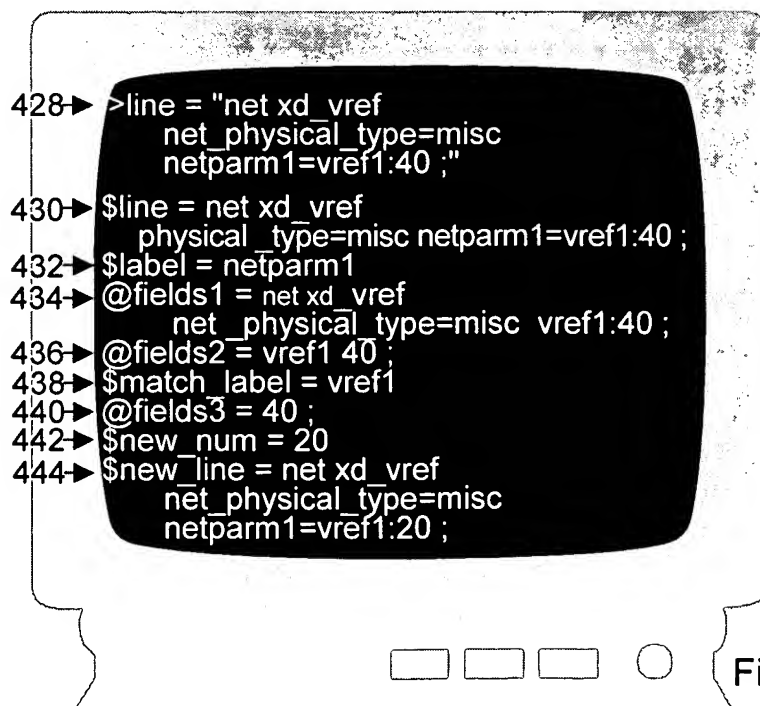


Fig. 4B

502

```

510 // javaexample.java
512 import java.io.*;
514 import java.util.*;
516 public class javaexample
{
518     public static void main( String args[] )
520     {
522         string offset1str,offset2str;
524         double offset1,offset2;
526         double array database[10];
528         double x,y,n;
530         rect(x,y,200,200);
532         fill(x,y,50,240);
534         for n=1 to 10
536         {
538             database(n)=n;
540         }
542         y=5;
544         x=database(y);
546         offset1=Double.parseDouble(offset1str);
548         offset2=Double.parseDouble(offset2str);
550         x = x + offset1 + offset2;
552         database(y)=x
    }

```

Fig. 5A

504

590

```

510 // javaexample.java
512 import java.io.*;
514 import java.util.*;
516 public class javaexample
{
518     public static void main( String args[] )
520     {
522         string offset1str,offset2str;
524         double offset1,offset2;
526         double array database[10];
554         double x,y;
556         system.out.println( timestamp );
558         offset1str= "2";
560         offset2str= "3";
542         y=5;
562         database(y)=5;
544         x=database(y);
564         system.out.println( "x = " + x );
546         offset1=Double.parseDouble(offset1str);
566         system.out.println("offset1 = "+offset1);
548         offset2=Double.parseDouble(offset2str);
568         system.out.println("offset2 = "+offset2);
550         x = x + offset1 + offset2;
570         system.out.println( "x = " + x );
552         database(y)=x;
572         system.out.println("database(y)= "
+database(y));
574         system.out.println( timestamp );
575     }

```

Fig. 5B

506

```

576 2/12/04 22:11:59
578 x = 5
580 offset1 = 2
582 offset2 = 3
584 x = 10
586 database(y) = 22
588 2/12/04 22:12:01

```

Fig. 5C

602

```

610 → $WANT = 3;
612 →   $count = 0;
614 →   $_ = "One fish two fish red fish blue fish";
616 →   while ((/\w+)\s+fish\b/gi) {
618 →     if (++$count == $WANT) {
620 →       print "The third fish is a $1 one.\n";
622 →     }
624 →   }
  
```

Fig. 6A

604

```

626 → $WANT = 3;
628 →   $count = 0;
630 →   $_ = "One fish two fish red fish blue fish";
632 →   while ((/\w+)\s+fish\b/gi) {
634 →     print "$count\n";
636 →     if (++$count == $WANT) {
638 →       print "The third fish is a $1 one.\n";
640 →     }
642 →   }
  
```

Fig. 6B

606

```

644 → >Evaluate (./test.pl, 312, 326)
646 → 1
648 → 2
650 → 3
652 → The third fish is a red one.
654 → 4
  
```

Fig. 6C

700

Eclipse Platform

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```

Log.Log(Comment);
Continue;

else if ( lcLine.startsWith ( k_GetRegKey.toLowerCase()+ " ") )
{
    string thisPlatform = System.getProperty ("os.name");
    string in ="getRegistryKey MacroJavaHomeJavaHome \NKEY
    if (thisPlatform.startsWith("Win")) {
        StringTokeniser= toks = new stringTokeniser, (1n, " ");
        If (toks.countTokens () < 4) {
            Log.Err("Invalid number of arguments");
        }
        toks.nextTokn (); // this is the first token "getRegistryKey"
        string sExecFile = toks.nextTokn () .trim(); //second token is
        string keyString = toks.nextTokn () .trim(); //third token is re
        string vData = toks.nextTokn () .trim() //fourth token is the k
        system.out.println("Macro name: "+sExecFile+"Registry key:s
    }
    else {
        Log.Err(CollectorMessages.getFormattedMessage (bundle, "WSST_ERR_PLA
    }
    else if ( lcLine.startsWith( k_InvokeExt.toLowerCase() + " ") ) {
  
```

702

704

- Evaluate
- Revert
- Open De
- Open Ty
- Open Su
- Show
- Cut Copy
- Paste
- Source
- Refactor
- Local Hist
- Search
- Save

Fig. 7

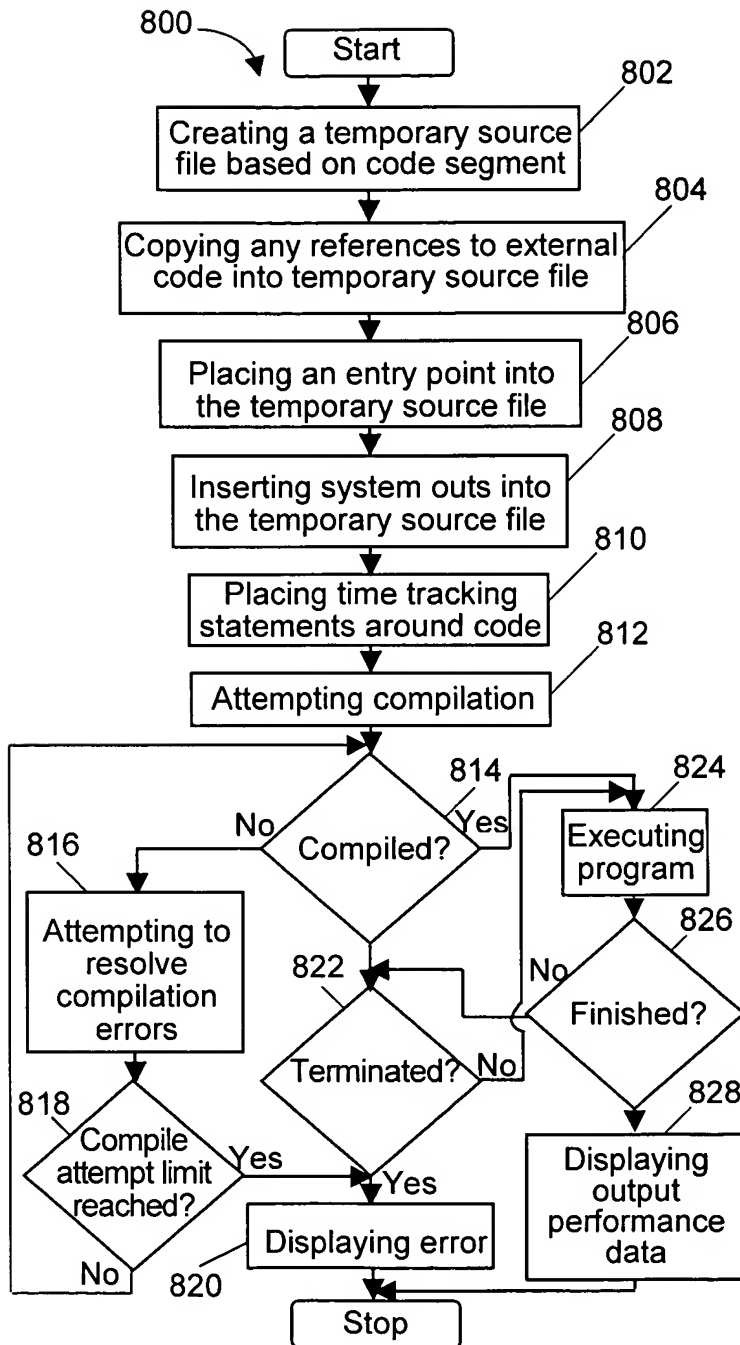


Fig. 8

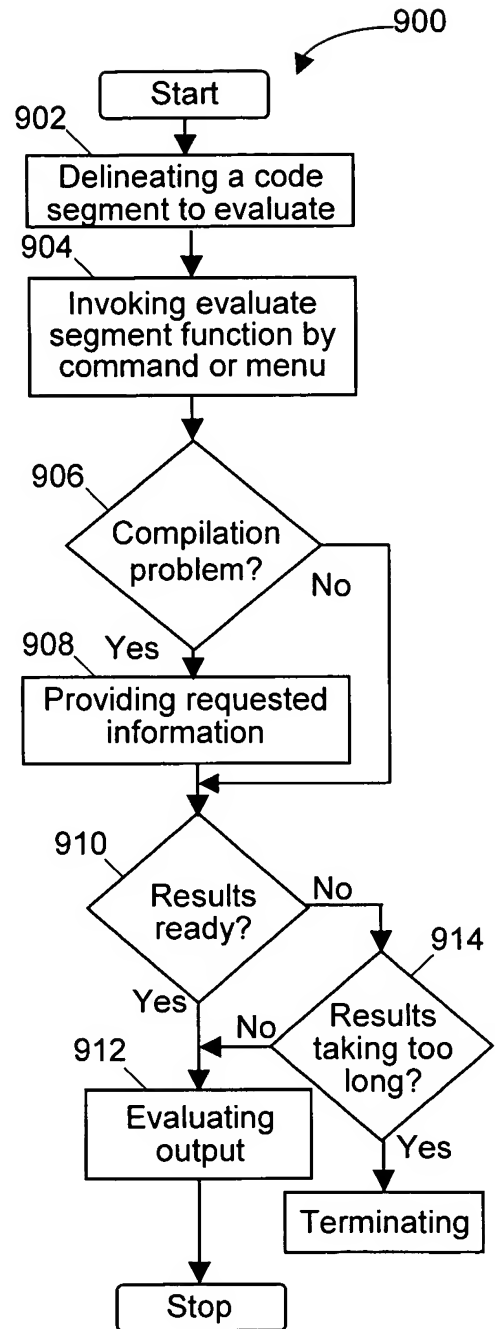


Fig. 9